

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/380,534
Source: IFW/6
Date Processed by STIC: 2/16/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 02/16/2005

PATENT APPLICATION: US/09/380,534

TIME: 16:18:00

Input Set : A:\MANNK.001CP1.TXT

Output Set: N:\CRF4\02162005\I380534.raw

4 <110> APPLICANT: Kundig, Thomas M.
 5 Simard, John J. L.
 7 <120> TITLE OF INVENTION: A METHOD OF INDUCING A CTL RESPONSE
 10 <130> FILE REFERENCE: MANNK.001CP1
 12 <140> CURRENT APPLICATION NUMBER: 09/380,534
 13 <141> CURRENT FILING DATE: 1999-09-01
 15 <150> PRIOR APPLICATION NUMBER: PCT/US98/14289
 16 <151> PRIOR FILING DATE: 1998-07-10
 18 <150> PRIOR APPLICATION NUMBER: 08/988,320
 19 <151> PRIOR FILING DATE: 1997-12-10
 21 <150> PRIOR APPLICATION NUMBER: CA 2,209,815
 22 <151> PRIOR FILING DATE: 1997-07-10
 24 <160> NUMBER OF SEQ ID NOS: 569
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 9
 30 <212> TYPE: PRT
 31 <213> ORGANISM: Adenovirus 3
 33 <400> SEQUENCE: 1
 34 Leu Ile Val Ile Gly Ile Leu Ile Leu
 35 1 5
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 10
 40 <212> TYPE: PRT
 41 <213> ORGANISM: Adenovirus 5
 43 <400> SEQUENCE: 2
 44 Ser Gly Pro Ser Asn Thr Pro Pro Glu Ile
 45 1 5 10
 48 <210> SEQ ID NO: 3
 49 <211> LENGTH: 9
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Adenovirus 5
 53 <400> SEQUENCE: 3
 54 Val Asn Ile Arg Asn Cys Cys Tyr Ile
 55 1 5
 58 <210> SEQ ID NO: 4
 59 <211> LENGTH: 10
 60 <212> TYPE: PRT
 61 <213> ORGANISM: Adenovirus 5
 63 <400> SEQUENCE: 4
 64 Ser Gly Pro Ser Asn Ile Pro Pro Glu Ile
 65 1 5 10
 68 <210> SEQ ID NO: 5

p.6

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69 <211> LENGTH: 9
70 <212> TYPE: PRT
71 <213> ORGANISM: CSFV
73 <400> SEQUENCE: 5
74 Glu Asn Ala Leu Leu Val Ala Leu Phe
75 1 5
78 <210> SEQ ID NO: 6
79 <211> LENGTH: 9
80 <212> TYPE: PRT
81 <213> ORGANISM: Dengue virus 4
83 <400> SEQUENCE: 6
84 Thr Pro Glu Gly Ile Ile Pro Thr Leu
85 1 5
88 <210> SEQ ID NO: 7
89 <211> LENGTH: 9
90 <212> TYPE: PRT
91 <213> ORGANISM: EEV
93 <400> SEQUENCE: 7
94 Cys Leu Gly Gly Leu Leu Thr Met Val
95 1 5
98 <210> SEQ ID NO: 8
99 <211> LENGTH: 9
100 <212> TYPE: PRT
101 <213> ORGANISM: EBV
103 <400> SEQUENCE: 8
104 Asn Ile Ala Glu Gly Leu Arg Ala Leu
105 1 5
108 <210> SEQ ID NO: 9
109 <211> LENGTH: 9
110 <212> TYPE: PRT
111 <213> ORGANISM: EBV
113 <400> SEQUENCE: 9
114 Asn Leu Arg Arg Gly Thr Ala Leu Ala
115 1 5
118 <210> SEQ ID NO: 10
119 <211> LENGTH: 9
120 <212> TYPE: PRT
121 <213> ORGANISM: EBV
123 <400> SEQUENCE: 10
124 Ala Leu Ala Ile Pro Gln Cys Arg Leu
125 1 5
128 <210> SEQ ID NO: 11
129 <211> LENGTH: 9
130 <212> TYPE: PRT
131 <213> ORGANISM: EBV
133 <400> SEQUENCE: 11
134 Val Leu Lys Asp Ala Ile Lys Asp Leu
135 1 5
138 <210> SEQ ID NO: 12

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139 <211> LENGTH: 9
140 <212> TYPE: PRT
141 <213> ORGANISM: EBV
143 <400> SEQUENCE: 12
144 Phe Met Val Phe Leu Gln Thr His Ile
145 1 5
148 <210> SEQ ID NO: 13
149 <211> LENGTH: 9
150 <212> TYPE: PRT
151 <213> ORGANISM: EBV
153 <400> SEQUENCE: 13
154 His Leu Ile Val Asp Thr Asp Ser Leu
155 1 5
158 <210> SEQ ID NO: 14
159 <211> LENGTH: 9
160 <212> TYPE: PRT
161 <213> ORGANISM: EBV
163 <400> SEQUENCE: 14
164 Ser Leu Gly Asn Pro Ser Leu Ser Val
165 1 5
168 <210> SEQ ID NO: 15
169 <211> LENGTH: 9
170 <212> TYPE: PRT
171 <213> ORGANISM: EBV
173 <400> SEQUENCE: 15
174 Pro Leu Ala Ser Ala Met Arg Met Leu
175 1 5
178 <210> SEQ ID NO: 16
179 <211> LENGTH: 9
180 <212> TYPE: PRT
181 <213> ORGANISM: EBV
183 <400> SEQUENCE: 16
184 Arg Met Leu Trp Met Ala Asn Tyr Ile
185 1 5
188 <210> SEQ ID NO: 17
189 <211> LENGTH: 9
190 <212> TYPE: PRT
191 <213> ORGANISM: EBV
193 <400> SEQUENCE: 17
194 Met Leu Trp Met Ala Asn Tyr Ile Val
195 1 5
198 <210> SEQ ID NO: 18
199 <211> LENGTH: 9
200 <212> TYPE: PRT
201 <213> ORGANISM: EBV
203 <400> SEQUENCE: 18
204 Ile Leu Pro Gln Gly Pro Gln Thr Ala
205 1 5
208 <210> SEQ ID NO: 19

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209 <211> LENGTH: 9
210 <212> TYPE: PRT
211 <213> ORGANISM: EBV
213 <400> SEQUENCE: 19
214 Pro Leu Arg Pro Thr Ala Pro Thr Ile
215 1 5
218 <210> SEQ ID NO: 20
219 <211> LENGTH: 9
220 <212> TYPE: PRT
221 <213> ORGANISM: EBV
223 <400> SEQUENCE: 20
224 Pro Leu Pro Pro Ala Thr Leu Thr Val
225 1 5
228 <210> SEQ ID NO: 21
229 <211> LENGTH: 9
230 <212> TYPE: PRT
231 <213> ORGANISM: EBV
233 <400> SEQUENCE: 21
234 Arg Met His Leu Pro Val Leu His Val
235 1 5
238 <210> SEQ ID NO: 22
239 <211> LENGTH: 9
240 <212> TYPE: PRT
241 <213> ORGANISM: EBV
243 <400> SEQUENCE: 22
244 Pro Met Pro Leu Pro Pro Ser Gln Leu
245 1 5
248 <210> SEQ ID NO: 23
249 <211> LENGTH: 9
250 <212> TYPE: PRT
251 <213> ORGANISM: EBV
253 <400> SEQUENCE: 23
254 Gln Leu Pro Pro Pro Ala Ala Pro Ala
255 1 5
258 <210> SEQ ID NO: 24
259 <211> LENGTH: 9
260 <212> TYPE: PRT
261 <213> ORGANISM: EBV
263 <400> SEQUENCE: 24
264 Ser Met Pro Glu Leu Ser Pro Val Leu
265 1 5
268 <210> SEQ ID NO: 25
269 <211> LENGTH: 9
270 <212> TYPE: PRT
271 <213> ORGANISM: EBV
273 <400> SEQUENCE: 25
274 Asp Leu Asp Glu Ser Trp Asp Tyr Ile
275 1 5
278 <210> SEQ ID NO: 26

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279 <211> LENGTH: 9
280 <212> TYPE: PRT
281 <213> ORGANISM: EBV
283 <400> SEQUENCE: 26
284 Pro Leu Pro Cys Val Leu Trp Pro Val
285 1 5
288 <210> SEQ ID NO: 27
289 <211> LENGTH: 9
290 <212> TYPE: PRT
291 <213> ORGANISM: EBV
293 <400> SEQUENCE: 27
294 Ser Leu Glu Glu Cys Asp Ser Glu Leu
295 1 5
298 <210> SEQ ID NO: 28
299 <211> LENGTH: 9
300 <212> TYPE: PRT
301 <213> ORGANISM: EBV
303 <400> SEQUENCE: 28
304 Glu Ile Lys Arg Tyr Lys Asn Arg Val
305 1 5
308 <210> SEQ ID NO: 29
309 <211> LENGTH: 9
310 <212> TYPE: PRT
311 <213> ORGANISM: EBV
313 <400> SEQUENCE: 29
314 Gln Leu Leu Gln His Tyr Arg Glu Val
315 1 5
318 <210> SEQ ID NO: 30
319 <211> LENGTH: 9
320 <212> TYPE: PRT
321 <213> ORGANISM: HCV-1
323 <400> SEQUENCE: 30
324 Leu Leu Gln His Tyr Arg Glu Val Ala
325 1 5
328 <210> SEQ ID NO: 31
329 <211> LENGTH: 9
330 <212> TYPE: PRT
331 <213> ORGANISM: EBV
333 <400> SEQUENCE: 31
334 Leu Leu Lys Gln Met Cys Pro Ser Leu
335 1 5
338 <210> SEQ ID NO: 32
339 <211> LENGTH: 9
340 <212> TYPE: PRT
341 <213> ORGANISM: EBV
343 <400> SEQUENCE: 32
344 Ser Ile Ile Pro Arg Thr Pro Asp Val
345 1 5
348 <210> SEQ ID NO: 33

RAW SEQUENCE LISTING ERROR SUMMARY

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:142; Xaa Pos. 4,8

Seq#:359; Xaa Pos. 4,8

Seq#:540; Xaa Pos. 1

Seq#:552; Xaa Pos. 2,4,5,6,7,8

Seq#:554; Xaa Pos. 4,5,6,7,8

Seq#:555; Xaa Pos. 5,6,7,8

Seq#:556; Xaa Pos. 6,7,8

Seq#:557; Xaa Pos. 7,8

Seq#:558; Xaa Pos. 8

VERIFICATION SUMMARY

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Input Set : A:\MANK.001CP1.TXT

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L:1449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142 after pos.:0
L:3624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:359 after pos.:0
L:5439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:540 after pos.:0
L:5564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:552 after pos.:0
L:5589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:554 after pos.:0
L:5604 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:555 after pos.:0
L:5619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:556 after pos.:0
L:5634 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:557 after pos.:0
L:5649 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:558 after pos.:0